

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 04.08.2022

Version: 2.00 (replaces version 1.01)

Revision: 21.07.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name: STIHL Stone and facade cleaner CS 100**
[22.01.2019]**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / the mixture**

Natural Stone and Facade Cleaner

Consumer uses: Private households / general public / consumers

Professional uses

Detergents

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:****Supplier:**

United Kingdom

ANDREAS STIHL LTD. | STIHL House | Stanhope Road, Camberley, Surrey, GU15 3YT | Great Britain

telefon: +44 1276 20202 | E-Mail: enquiries@stihl.co.uk

Ireland

ORIGO | Unit 23, Magna Drive, Magna Business Park | City West | Dublin 24 | Ireland

telefon: +353 1 4666 700 | E-Mail: sales@origo.ie

Manufacturer:

ANDREAS STIHL AG & Co.KG | Badstr. 115 | 71336 Waiblingen | Germany

telefon: +49 (0)6071 3055358 | E-Mail: kundenservice@stihl.de

Further information obtainable from: E-Mail: kundenservice@stihl.de
-----**1.4 Emergency telephone number:****In England and Wales:** dial 111 (NHS 111)**In Scotland:** dial 111 (NHS 24)**In N Ireland:** Contact your local GP or pharmacist during normal hours;
click here (www.gpoutofhours.hscni.net) for GP services Out-of-Hours.**In Republic of Ireland:**

Healthcare Professionals: +353 (01) 809 2566 (24 hour service)

Members of Public: +353 (01) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

Germany: +49 (0) 89 19240 (Poison Centre Munich)**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Additional information:**

EUH210 Safety data sheet available on request.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB.

Determination of endocrine-disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Aqueous tenside solution.

Dangerous components:

CAS: 68439-46-3	C9-11 Alcohol ethoxylate ⚠ Eye Irrit. 2, H319	3-<5%
CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37-xxxx	sodium-p-cumene sulphonate Alternative CAS numbers: 28348-53-0, 32073-22-6 ⚠ Eye Irrit. 2, H319	1-<3%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

phosphates, non-ionic surfactants, anionic surfactants	<5%
perfumes	

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Remove soiled clothing

After inhalation: No special measures required

After skin contact: Wash the areas of skin affected with water and a mild detergent.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

The product is not flammable.

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

The normal measures for firefighting are to be taken.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

For non-emergency personnel

The usual precautionary measures are to be adhered to when handling chemicals.

For emergency responders Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from foodstuffs.

Observe local/state/federal regulations.

Further information about storage conditions:

Protect from frost.

Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 15763-76-5 sodium-p-cumene sulphonate

Oral	DNEL	3.8 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	3.8 mg/kg bw/day (consumer) (longterm systematic effects)
		7.6 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	13.2 mg/m ³ (consumer) (longterm systematic effects)
		53.6 mg/m ³ (worker) (longterm systematic effects)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Respiratory protection: Not required in normal cases

Hand protection: Not required in normal cases.

Eye/face protection: Not required in normal cases

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Fluid

Colour:

Yellow

Odour:

Wooden

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

≥100 °C (CAS: 7732-18-5 water)

Flammability

Product is not flammable.

Lower and upper explosion limit

Lower:

Not applicable

Upper:

Not applicable

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Flash point:	Not applicable.
Auto-ignition temperature:	Product is not selfigniting.
Decomposition temperature:	Not determined.
pH at 20 °C	10.5-<11.5
Viscosity:	
Kinematic viscosity at 40 °C	<20.5 mm ² /s
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa (CAS: 7732-18-5 water)
Density and/or relative density	
Density at 20 °C:	1.08-1.10 g/cm ³
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Explosive properties:	Product does not present an explosion hazard.
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity** No dangerous reactions known.
- 10.2 Chemical stability** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions** No dangerous reactions known.
- 10.4 Conditions to avoid** See Section 7 for information on safe handling.
- 10.5 Incompatible materials:** No further relevant information available.
- 10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

CAS: 68439-46-3 C9-11 Alcohol ethoxylate

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

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CAS: 15763-76-5 sodium-p-cumene sulphonate

Oral	LD50	>7,000 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rat)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Additional toxicological information:

Repeated dose toxicity

CAS: 15763-76-5 sodium-p-cumene sulphonate

Oral	NOAEL	>936 mg/kg (rat)
	NOAEL 90-92d	>440 mg/kg/d (OECD 411 Subchronic Dermal Toxicity: 90-day Study)

11.2 Information on other hazards

Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with health effects.

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity There are no ecotoxicological data available on this mixture.

Aquatic toxicity:

CAS: 68439-46-3 C9-11 Alcohol ethoxylate

LC50 / 96h	>1-10 mg/l (Regenbogenforelle) (OECD 203)
EC50 / 48h	>1-10 mg/l (Daphnia magna)
EC50 / 72h	>1-10 mg/l (Skeletonema costatum)

CAS: 15763-76-5 sodium-p-cumene sulphonate

LC50 / 96h	>1,000 mg/l (fish) (EPA OPPTS EPA OTS 797)
EC50/3h	>1,000 mg/l (bacteria) (OECD 209)
EC50 / 48h	>1,000 mg/l (Daphnia magna) (EPA OPPTS EPA OTS 797) >100 mg/l (daphnia) (OECD 202)
EC50 / 96 h	>230 mg/l (algae) (EPA OPPTS EPA OTS 797)
NOEC 96h	31 mg/l (algae) (EPA OPPTS)

12.2 Persistence and degradability

The surface-active substances contained in the product meet the requirement of the EU Detergent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

CAS: 15763-76-5 sodium-p-cumene sulphonate

Biodegradation	60-100 % (OECD 301 B Ready Biodegradability - CO2 Evolution)
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12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB

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12.6 Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with effects on the environment.

12.7 Other adverse effects

Additional ecological information:

General notes:

The product does not contain organic complexing agents.

The product does not contain organically bounded halogens (AOX-free).

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Not classified as hazardous waste according to Annex III to Directive 2008/98/EC.

Recommendation Waste must be disposed of while observing the local, official regulations.

European waste catalogue

1) Disposal / product

2) Disposal / contaminated packaging

20 01 30	detergents other than those mentioned in 20 01 29
15 01 02	plastic packaging

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number ADR/RID/ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR/RID/ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR/RID/ADN, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR/RID/ADN, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
UN "Model Regulation":	Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Directives:

Directive 2010/75/EU (VOC) not subject to

Catégorie SEVESO (DIRECTIVE 2012/18/EU) not subject to

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

GB

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H319 Causes serious eye irritation.

Date of previous version: 22.04.2021

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

DGR: Przepisy dotyczące towarów niebezpiecznych - Dangerous Goods Regulations by IATA

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = lethal Concentration

EC50 = half maximal effective concentration

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Sources

"Regulation (EC) Nr. 1907/2006 (REACH), 1272/2008 (CLP), 648/2004 (Detergents) in the respective valid version. National occupation exposure limits for each country in the respective valid version. Transportation regulations according to ADR, RID, IMDG, IATA in the respective valid version."

* **Data compared to the previous version altered.**